State of Idaho - Integrated Land and Facilities Database
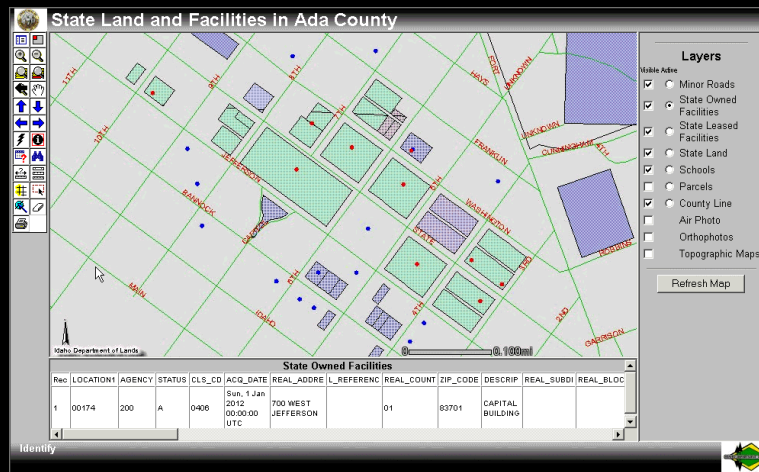
Integrated Land and Facilities Database

Introduction

- Progress Report
- Robert Smith and Jeff Servatius
  - Idaho Department of Lands

Integrated Land and Facilities
Database

Background

- House Bill #487

- Facilities Portion of the Project Commenced October 2000

- Conversion of State Owned Lands Database Commenced in Mid 1995 (IDL)

Integrated Land and Facilities Database

What is This Database?

- A Comprehensive Database Containing Information About State Owned Property, Buildings, and Leased Facilities

- It is Spatially Enabled

- It Will be Available on the State Intranet and can be Published on the Internet

Integrated Land and Facilities Database

Status of the Project

- Classic Example of the 80-20 Rule, 80% of the Owned and Leased Facilities were Captured Quickly, the last 20% is Proving More Difficult
- Currently 85% Complete
- Target Completion Timeframe is Fall 2002 (Location)
- Photographs Fall 2003

Integrated Land and Facilities Database

Buildings and Facilities Database Development

- State Owned Facilities Data was Initially Obtained from the Office of the State Controller (FAS)

- State Leased Facilities Data was Obtained from Department of Administration

- Additional Data was Obtained from State Agencies such as Fish and Game, ITD, and Universities

Integrated Land and Facilities Database

Real Property Database Development

- Initial Land Records Data Obtained from Department of Lands
- Additional Data Obtained from State Agencies
- Digital County Parcel Data is used Where Available

Integrated Land and Facilities Database

Spatially Enabling the Facilities Database

- Address Matching was Used on Records that Contained an Address

- Phone Calls to Agency Offices

- Global Positioning System (GPS) Enabled Cameras

- Collaborate with our 14 District Offices Across Idaho

Integrated Land and Facilities Database

Internet Enabled Mapping

- Disseminates Information from a Centralized Database
- Enables Data Visualization to Analyze Spatial Relationships
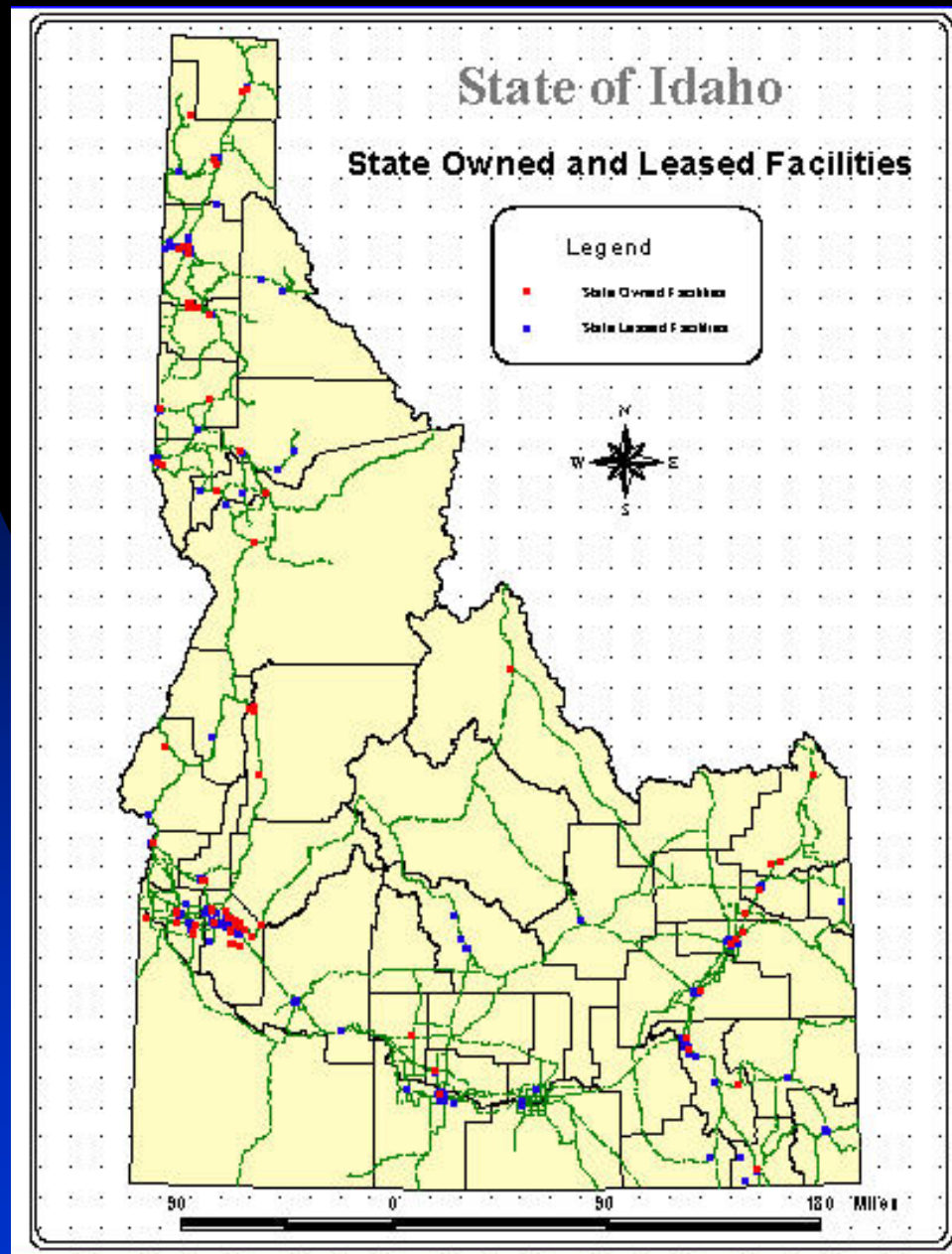- One Picture (Map) is Worth a Thousand Words

Integrated Land and Facilities Database

0 of | 41 selected

ttributes of Koo_lease4.shp

Id	Agency_ful	Agency	Agency_til	Type	Address	City	County	District	L
13	Department of Fish and Game	IDFG	IDFG	T	16805 LIME KILN RD	BAYVIEW	KOOTENAI	3	LARRY JU
142	Department of Agriculture	AGRI	AGRI		5920 GOVERNMENT WAY#1	CDA	KOOTENAI	4	DIANE J. F
143	Office of Attorney General	AG	AG		2005 IRONWOOD PKWY #12	CDA	KOOTENAI	4	PARKWOC
144	Commission for the Blind/Visua	ICBVI	ICBVI		2005 IRONWOOD # 222	CDA	KOOTENAI	4	PARKWOC
145	Building Safety	DBS	DBS		1221 IRONWOOD DR # 101	CDA	KOOTENAI	4	IRONWOO
146	Department of Corrections	CORR	CORR		202 ANTON ST 1ST FLR	CDA	KOOTENAI	4	WETM, LL
147	Idaho School for the Deaf & th	ISDB	ISDB	S	2195 IRONWOOD COURT	CDA	KOOTENAI	4	HEALTH &
148	Division of Environmental Quali	DEQ	DEQ		2110 IRONWOOD	CDA	KOOTENAI	4	PARKWOC
149	Deparment of Health & Welfare	DHW	DHW		420 INDIANA AVE	CDA	KOOTENAI	4	DALE & KA
150	Deparment of Health & Welfare	DHW	DHW	R	1603 E GILBERT	CDA	KOOTENAI	4	TRINITY G
151	Deparment of Health & Welfare	DHW	DHW		518 N 4TH	CDA	KOOTENAI	4	DOLAN & J
152	Deparment of Health & Welfare	DHW	DHW		1250 IRONWOOD DR	CDA	KOOTENAI	4	PARKWOC
153	Deparment of Health & Welfare	DHW	DHW		1120 IRONWOOD DR	CDA	KOOTENAI	4	PARKWOC
154	Industrial Commission	IIC	IIC	W	120 ANTON AVE #39	CDA	KOOTENAI	4	ANTON MI
155	Industrial Commission	IIC	IIC	W	120 ANTON AVE #98	CDA	KOOTENAI	4	ANTON MI
156	Industrial Commission	IIC	IIC		1221 IRONWOOD DR #100	CDA	KOOTENAI	4	IRONWOO
157	Department of Insurance	DOI	DOI		2005 IRONWOOD #143	CDA	KOOTENAI	4	PARKWOC
158	State Insurance Fund	SIF	DOI		1000 W HUBBARD ST #100	CDA	KOOTENAI	4	CDA, CITY
159	Department of Juvenile Correct	DJC	DJC		2005 IRONWOOD PKY # 115	CDA	KOOTENAI	4	PARKWOC
160	Idaho Department of Labor	DOL	DOL		1221 W IRONWOOD DR #20	CDA	KOOTENAI	4	IRONWOO
161	Idaho State Police	ISP	DLE		1000 W HUBBARD ST #220	CDA	KOOTENAI	4	CDA, CITY
162	Idaho State Police	ISP	DLE	S	602 W PRAIRIE AVE	CDA	KOOTENAI	4	TRANSPO
163	Idaho State Police	ISP	DLE		1000 W HUBBARD ST. #240	CDA	KOOTENAI	4	CDA, CITY
164	Idaho State Police	ISP	DLE		250 NW BLVD #107-110	CDA	KOOTENAI	4	GLOBAL F
165	Idaho State Liquor Dispensary	ISLD	ISLD	L	1607 NW BLVD & LACROSS	CDA	KOOTENAI	4	KEITH HEL
166	Idaho State Liquor Dispensary	ISLD	ISLD	L	2611 N GOVERNMENT WAY	CDA	KOOTENAI	4	DELBERT
167	Idaho State Liquor Dispensary	ISLD	ISLD	L	1201 E SHERMAN AVE	CDA	KOOTENAI	4	DAVID SCH
169	North Idaho College	NIC	NIC	M	CDA INDUSTRIAL PARK	CDA	KOOTENAI	4	NK SOWAI
170	Public Employee Retirement Sy	PERSI	PERSI		2005 IRONWOOD PKY #145	CDA	KOOTENAI	4	PARKWOC
171	Department of Revenue and T	TAX	TAX		1910 NW BLVD	CDA	KOOTENAI	4	PARKWOC
172	Division of Vocational Rehabili	IDVR	IDVR		1010 IRONWOOD #101	CDA	KOOTENAI	4	IRONWOO
173	Department of Water Resource	IDWR	IDWR		1910 NW BLVD. SUITE 210	CDA	KOOTENAI	4	PARKWOC
196	Idaho State Liquor Dispensary	ISLD	ISLD	L	9170 N HESS ST STE C	HAYDEN	KOOTENAI	3	KERR OIL
197	Department of Insurance	DOI	DOI	W	9906 N GOVERNMENT WAY	HAYDEN LAKE	KOOTENAI	3	HAYDEN N
347	Idaho State Liquor Dispensary	ISLD	ISLD	L	3240 E SELTICE WAY	POST FALLS	KOOTENAI	2	D&J INVES
348	Idaho State Liquor Dispensary	ISLD	ISLD	L	202 E SELTICE WAY	POST FALLS	KOOTENAI	2	ROBERT S

State of Idaho
State Owned and Leased Facilities

Integrated Land and Facilities
Database

Website Demonstration

- Zoom In and Display Table
- Display Photograph of Facility

Integrated Land and Facilities
Database

File   Edit   View   Favorites   Tools   Help

⇐ Back ▾ ⇒ ▾ ⊗ ⊡ ⌂   ⊘ Search   ⊛ Favorites   ⊛ History   ⊟ ▾ ⊜ ⊞ ▾ ⊟

Address ⊡ http://dev.idl.state.id.us/website/ada3/viewer.htm?Title=State%20Land%20and%20Facilities%20in%20Ada%20County   ▾ ⬀Go   Links

State Land and Facilities in Ada County
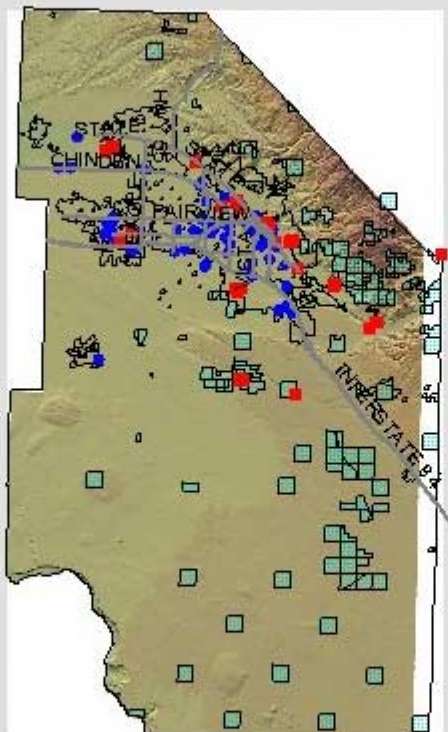
Layers

Visible Active

☑ ○ Major Roads

☑ ○ State Owned Facilities

☑ ○ State Leased Facilities

☑ ○ State Land

☑ ○ Schools

☑ ◉ County Line

☑   Relief

Refresh Map

County Line is now the Active Layer

Identify

Map: 311439.13 , 268153.58 -- Image: 350 , 195 -- ScaleFactor: 202.9962927476415   ⊕ Internet

Website Demonstration

- Toggle the Map Legend/Table of Contents
- Display Air Photo
- Display Parcels
- Display Topographic Map

Integrated Land and Facilities Database

State Land and Facilities in Ada County - Microsoft Internet Explorer provided by Idaho Department of Lands

File   Edit   View   Favorites   Tools   Help

⇐ Back ▾ ⇒ ▾ ⊗ 🔄 🏠 | 🔍Search 🔖Favorites 🕘History | 🔃▾ 🖨 🗑 ▾ 🗐

Address 🔗 http://dev.idl.state.id.us/website/ada3/viewer.htm?Title=State%20Land%20and%20Facilities%20in%20Ada%20County   ▾ ⮕Go   Links

State Land and Facilities in Ada County

Layers

Visible Active

☑ ○ Minor Roads

☑ ◉ State Owned Facilities

☑ ○ State Leased Facilities

☑ ○ State Land

☑ ○ Schools

☐ ○ Parcels

☑ ○ County Line

☐   Air Photo

☐   Orthophotos

☐   Topographic Maps

Refresh Map

State Owned Facilities

HyperLink to http://dev.idl.state.id.us/website/photo/P0000236.jpg

Pan

Map: 322857.26 , 281804.75 -- Image: 571 , 287 -- ScaleFactor: 1.1519287373703026   ■■■   🌐 Internet

Website Demonstration

- Execute a Simple Query
  - ◆ Select Leased Facilities Owned by Department of Lands
  - ◆ Determine What Facilities are Within 0.1 Mile of the Selected Facilities

State Land and Facilities in Ada County

Layers

Visible Active

- ☑ ◯ Minor Roads
- ☑ ◯ State Owned Facilities
- ☑ ◉ State Leased Facilities
- ☑ ◯ State Land
- ☑ ◯ Schools
- ☐ ◯ Parcels
- ☑ ◯ County Line
- ☐   Air Photo
- ☐   Orthophotos
- ☐   Topographic Maps
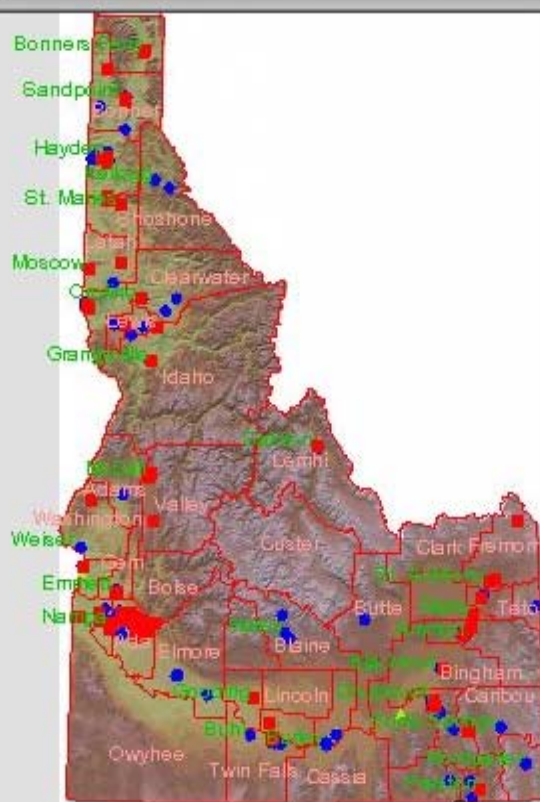
Refresh Map

State Leased Facilities
Selection cleared

Buffer

Website Demonstration

- We've Seen Enough of Ada County... Let's Go Statewide!
- Idaho as Viewed From Space (SPOT) 10 Meter
- Zoom In to View 1 Meter (DOQ)

Integrated Land and Facilities Database

File   Edit   View   Favorites   Tools   Help

Back ▾ → ▾ ⊗ 🗗 🏠 | ◎Search ☆Favorites ⏱History | ⧏▾ 🖨 W ▾ 🗐

ddress 🔗 http://dev.idl.state.id.us/website/spotdoq/viewer.htm?Title=Spot%20and%20DOQ%20Viewer   ▾ ⟳Go   Links

🌎 Spot and DOQ Viewer

Layers

Visible Active

☑ ⦿ State Owned Facilities

☑ ○ State Leased Facilities

☑ ○ Major Cities

☑ ○ Counties

☑   Relief

Refresh Map

Bonners
Sandpoint
Hayden
St. Mar
Shoshone
Moscow
Clearwater
Grang
Idaho
Lemhi
Adams Valley
Washington
Weise Custer Clark Fremon
Em Boise Butte Teton
Na Bingham
Elmore Blaine Caribou
Lincoln
Owyhee
Twin Falls Cassia

Map created by Idaho Department of Lands.

0 ▭▭▭▭ 60mi

State Owned Facilities

HyperLink to S:/Misc/arcims/GPSphotos/Facilities/P0000082s.jpg

yperLink

Map: 416838.59 , 84916.22 -- Image: 348 , 387 -- ScaleFactor: 2062.761924922133   🌐 Internet

Website Demonstration

- Interactive Map Notes, a Method to Inform Database Stewards of Changes

- Java Plug-in Required on Client Machines

- Increase Agency Participation

e Owned Land and Facilities in Ada County

Minor Road

State Owne

State Lease

State Land

Schools

Parcels

County Line

83.249

1:1,730

One Inch = 0.027 Miles

Things to Come...

- Additional Data Added to Website

- Migrate Sites to Robust Server

- Add New Hyperlinks

- Because this Project is Generating High Resolution County Mapping Templates, it Will be a Simple Process to add Data Layers

Potential New Applications

- IdaNet

- Disaster Response, such as Chemical Spills, Wildfire, and Floods

- Business and Commerce

- Education

- National Map (USGS)

- Idaho Infrastructure

Integrated Land and Facilities Database

Issues…

- Security - Do We Need An Advisory Committee?

- Maintenance

- Scope Creep

- Data Standards and Stewards

Integrated Land and Facilities Database

Contact Information

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- http://dev.idl.state.id.us/website/ada3
- http://dev.idl.state.id.us/website/spotdoq